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the future of drainage

PORTFOLIO

State Route 555 Winter Haven, FL

The Florida DOT needed to alleviate a drainage issue along a 400-ft stretch of S.R. 555 in Winter Haven, FL. Given the lack of longitudinal slope approaching an intersection, storm water would collect in low points between S.R. 555 and the driveways to businesses along this stretch of road.

Project Design Brief

The original design specifications were for a 15-inch-wide Florida DOT type II trench drain, but the agency chose ACO's PowerDrain S300K, a 12-inch-wide trench drain system, since it satisfied the requisite hydraulic performance and flow intake capture rates. This allowed the contractor to not only offer and install a trench drain system that effectively solved the flooding problems, but also to supply a trench drain that would withstand the dynamic loads.

Benefits

- The SK3 slotted grates are rated Load Class F which can withstand the constant movement of various traffic load vehicles.

ACO Drain®
PowerDrain® S300K
Slotted Ductile Iron Grates
acoswm.com/drain/powerdrain

